



### ***Install Accuracy Analyst***

Ensure that you have downloaded the Accuracy Analyst installation file and have completed the installation instructions that may be downloaded from the web site at:

[http://www.spatialis.com/products/accuracy/pdf/SISDOC\\_MATAA\\_v1.0\\_IG001.pdf](http://www.spatialis.com/products/accuracy/pdf/SISDOC_MATAA_v1.0_IG001.pdf)

### ***Download Sample Data Set***

Download the sample data set - "SIS\_MATAA\_SAMPLE\_DATA.ZIP"

Extract the sample data ZIP file to a desired location. The ZIP file includes folders that contain image data, tile layer shape file, and survey checkpoint locations.

### ***Open Accuracy Analyst and Load Data***

1) Open Accuracy Analyst

2) Select: File → Project → New Multi-Image Project

3) Select: Enter Project Information → Add Project Information

Load information about the project, data sources, and camera/sensor system

4) Select: Enter Project Information → Add Index Shapefile

Identify and load project data including the index tile layer and image folder. You will be prompted to enter the *Index File Name*, *Field Name*, *Image Folder Path*, and *Image Type*.

5) Select: Enter Project Information → Add Surveyed Locations → CSV File

This is a simple comma separated value (CSV) files (with a .CSV extension) that includes 3 columns for ID, X-Coordinate, Y-Coordinate with one line for each checkpoint location.

### ***Analyze the Sample Data Set***

The application will automatically load the image for the first checkpoint. Use the Zoom tools to "Zoom to Image." Use the "Zoom Factor" slider to select a zoom extent for checkpoint context. Click "Save Context Extent" to preserve this setting. Reset this control button at any time to adjust the zoom factor used for all points (and for the report). Use the slider to "fine adjust" the view as needed for point selections.

For the sample data set, click on obvious features near the checkpoint. In an actual review project you would refer to photos and/or field guide sketches. When you complete the selection of all points, test the "Unselection" of a point which requires a "Reason" not to use a point. Note how this is shown on the report.

To calculate error statistics click on the Calculate button for results. Adjust the Scale Factor for the "Vector Offset Plot" to clearly show the geographically varying directions and relative magnitude of errors. Clicking the base point for any of the vectors in the plot will load that point into the view. Use the data frame, forward or back arrows or Vector Offset plot to review selections and make desired adjustments. Note that statistics and plots update on the fly with any changes. When you are satisfied with results, confirm your context setting for your zoom environment and you are ready to output a report.

### ***Create Your Report***

Building a final report is easy. Click on the report button and the report will auto-generate. A default name will appear to save the PDF document. You may rename and save as you wish.

### ***Save Your Project***

When you are complete, save the project which will save an AAP file that you can reuse.

NOTE: Please refer to the User Guide for full and detailed instructions!